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CEILING SUSPENDED MOUNTED NON-SEISMIC

HSP SPRING PRE- POSITIONING HANGERS

HSP Series Spring Pre-positioning Hangers are designed to isolate low frequency vibrations in suspended piping and equipment - preventing transmission of vibration to the building structure through the piping systems. The products incorporate a color-coded steel spring for ease of identification in the field. Load ranges from 21 - 8,200 lbs. and up to deflections of 3". Custom sizes and deflections up to 5" available upon request.

VMC Group Pre-positioning Hangers incorporate a means for supporting the suspended equipment or piping at a fixed elevation during installation regardless of load changes as well as a means for transferring the load to the spring. This is accomplished by a bearing

plate within the hanger box that keeps suspended piping at a fixed elevation during installation and startup. This plate is designed to maintain suspended equipment and piping at a fixed elevation regardless of load changes. An adjustment nut is provided to transfer the load to the spring after the piping system has been filled with water, or the equipment is installed and level.

The HSP Series Spring Pre-positioning Hangers offer the capability to incorporate eyebolt hardware to accommodate duct strap connections and/or pencil rods, when isolating ductwork and suspended ceilings.

FEATURES & BENEFITS

- Loads from 21 - 8,200 lbs. with static deflections up to 3" provide flexibility over a wide range of applications
- Pre-positioning hangers offer quick and easy installation maintaining a fixed elevation in even the most challenging locations
- Color-coded springs provide easy identification of spring hangers for installation and inspection

APPLICATIONS

- Suspended piping
- Suspended electrical services
- Suspended ductwork
- Suspended equipment

DOWNLOADS

Spec Sheets

[Spec Type 5-POS Spring Hanger - Positioning](#)

Submittal Drawings

1" Deflection

[Model HSP-1C 50-370 lbs. Spring positioning hangers 1 inch deflection.pdf](#)

[Model HSP-1D 85-1360 lbs. Spring positioning hangers 1 inch deflection.pdf](#)

[Model HSP-1E 195-3250 lbs. Spring positioning hangers 1 inch deflection.pdf](#)

[Model HSP-1G 3600 lbs. Spring positioning hangers 1 inch deflection.pdf](#)

2" Deflection

[Model HSP-2D 75-1320 lbs. Spring positioning hangers 2 inch deflection.pdf](#)

[Model HSP-2E 80-2700 lbs. Spring positioning hangers 2 inch deflection.pdf](#)

3" Deflection

[Model HSP-3C 75-1165 lbs. Spring positioning hangers 3 inch deflection.pdf](#)

RELATED SERVICES

Engineering

The engineers we employ hold the highest industry-recognized credentials in structural analysis, elastomer development and system dynamics.

Certification

We are the first ISO accredited PCA ISO-17065, third-party certification body for special seismic certification of non-structural building components and their mounting configurations by the ICC's International Accreditation Service.

Test & Measurement

We are the only ISO 17025:2005 Accredited Seismic Simulation Test Laboratory with a triaxial shake table owned and operated by California licensed Structural engineers.

Testing Services Update

DCL now offers Nuclear Qualification and Testing services.

In partnership with [Greenberry Industrial](#), we now offer testing services that meet the requirements of ASME NQA-1.